

AMIKON TECHNICAL DOCUMENTATION

# Product Data Sheet

ABB GJR2390200R1210 83SR04G-E  
PROCONTROL P Control Module



| TYPE                  | SUPPLY      | INTERFACES | WEIGHT                 |
|-----------------------|-------------|------------|------------------------|
| <b>83SR04-E/R1210</b> | <b>24 V</b> | <b>4</b>   | <b>Approx. 0.55 kg</b> |

ABB GJR2390200R1210 83SR04G-E is a PROCONTROL P control module identified by ABB order number GJR2390200R1210 and official type 83SR04-E/R1210 for binary control, analog control and signal conditioning.

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## VERIFIED PRODUCT IDENTITY

|                           |                                                      |
|---------------------------|------------------------------------------------------|
| Order number              | GJR2390200R1210                                      |
| Official type designation | 83SR04-E/R1210                                       |
| Product family            | PROCONTROL P                                         |
| Product type              | Binary / analog control and signal-processing module |
| Operating modes           | Binary control; analog control; signal conditioning  |
| Process interfaces        | Four hardware interfaces                             |
| Operating voltage         | 24 V at USA/USB                                      |
| Current consumption       | 145 mA plus output currents at 24 V                  |

Source: 1KGF 100 824, Edition 09/04. Verify the complete model and current controlled manufacturer revision.

## 02 TECHNICAL DATA

|                       |                                                      |
|-----------------------|------------------------------------------------------|
| Power dissipation     | 3.5 W at 24 V                                        |
| Board size            | 6 units, 1 division, 160 mm deep                     |
| Station-bus connector | X11, 48-pin edge connector, type F                   |
| Process connector     | X21, 32-pin edge connector, type F                   |
| Weight                | Approximately 0.55 kg                                |
| Maximum line length   | 600 m at 0.5 mm <sup>2</sup> conductor cross-section |

## 03 OFFICIAL APPLICATIONS

- Drive control of unidirectional drives
- Drive control of actuators
- Drive control of solenoid valves
- Binary function-group control for sequential and logic tasks
- 3-step control
- Signal conditioning

## 04 OFFICIAL DOCUMENTATION

[ABB application description - 1KGF 100 824](#)

[ABB Library PDF - Document 1KGF 100 824](#)

### AMIKON PRODUCT SUPPORT

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